

Title (en)

DEVICE FOR RECOVERING LUBRICATING OIL FROM AN EPICYCLIC REDUCTION GEAR

Title (de)

VORRICHTUNG ZUR RÜCKGEWINNUNG VON SCHMIERÖL AUS EINEM EPIZYKLISCHEN UNTERSETZUNGSGETRIEBE

Title (fr)

DISPOSITIF DE RÉCUPÉRATION DE L'HUILE DE LUBRIFICATION D'UN RÉDUCTEUR ÉPICYCLOÏDAL

Publication

EP 2834503 B1 20180411 (FR)

Application

EP 13710502 A 20130222

Priority

- FR 1251655 A 20120223
- FR 1251656 A 20120223
- FR 2013050361 W 20130222

Abstract (en)

[origin: WO2013124590A1] An epicyclic reduction gear, comprising a planetary gear (11) movable in rotation about an axis of rotation, planet pinions (12) driven by said planetary gear and movable in rotation about axes of planet gears (16) carried by a planet carrier (13), said planet pinions rolling on a fixed ring gear (14) and said planet carrier being axially positioned laterally relative to said ring gear, the gear formed by the planet pinions (12) and the ring gear (14) being formed to axially eject the lubricating oil thereof after use, characterised in that the planet carrier (13) comprises a radial extension positioned facing said gear and forming a means for guiding said oil to the radial end thereof to be ejected from there by centrifugation.

IPC 8 full level

F02C 7/36 (2006.01); **F16H 1/36** (2006.01); **F16H 57/04** (2010.01)

CPC (source: EP RU US)

F01D 25/18 (2013.01 - EP US); **F02C 7/06** (2013.01 - EP US); **F02C 7/36** (2013.01 - EP US); **F16H 57/0409** (2013.01 - US); **F16H 57/0423** (2013.01 - EP US); **F16H 57/0427** (2013.01 - US); **F16H 57/0456** (2013.01 - EP US); **F16H 57/0479** (2013.01 - EP US); **F16H 57/0486** (2013.01 - EP US); **F01D 25/18** (2013.01 - RU); **F02C 7/36** (2013.01 - RU); **F05D 2260/40311** (2013.01 - EP US); **F16H 57/0421** (2013.01 - US); **F16H 57/0423** (2013.01 - RU); **F16H 57/0479** (2013.01 - RU); **Y02T 50/60** (2013.01 - EP US)

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